CLAIMS

What is claimed is:

1. A system that facilitates determining a state of a networked system, comprising:

a component that obtains system data corresponding to a plurality of system components; and

an aggregator that analyzes at least a subset of the system data and generates an output corresponding to a state of a subset of the plurality of system components.

2. The system of claim 1, additionally comprising a remote access component that provides a user with remote access to the output.

3. The system of claim 1, the component comprising a polling component that polls the plurality of system components to obtain the system data.

4. The system of claim 1, the aggregator comprising a distributed database engine.

5. The system of claim 1, the aggregator-aggregates the system data in accordance with predetermined rules.

6. The system of claim 5, the predetermined rules comprising aggregation of data within a single system.

7. The system of claim 5, the predetermined rules comprising aggregation of data with a plurality of systems.

8. The system of claim 1, at least one of the plurality of system components comprising a system component that sends data to the component unprompted.

9. The system of claim 8, the unprompted system component utilizes at least one selected from the group consisting of unicasting, multicasting, and broadcasting techniques to send data to the component.

10. The system of claim 1, the system components comprising a plurality of components on at least one server.

11. The system of claim 1, the system components comprising at least one selected from the group consisting of a running process, a data source, and a data log.

12. The system of claim 1, the output comprising hidden information obtained *via* data mining of aggregated system data.

13. The system of claim 12, the hidden information comprising at least one selected from the group consisting of system diagnosis information and system prognosis information.

14. The system of claim 1, the output comprising a user customizable output.

15. The system of claim 1, the output comprising a status report.

16. The system of claim 15, the status report relating to at least one selected from the group consisting of system performance data, system health data, and system utilization data.

17. The system of claim 1, the output comprising at least one schema table to provide optimal access of data relating to the output.

18. The system of claim 1, the output utilized to detect faulty errors in the networked system.

19. The system of claim 1, the output utilized to provide automatic system updates in response to the state of the subset of the plurality of system components.

20. The system of claim 1, the output comprising at least one system control parameter.

21. The system of claim 20, the system control parameter comprising at least one selected from the group consisting of a load shed command and a load balancing command.

22. The system of claim 20, the system control parameter comprising a security preservation action to maintain security of at least one networked system.

23. The system of claim 20, the system control parameter comprising a remedial action to maintain operation of at least one networked system.

24. The system of claim 1, the state comprising at least one selected from the group consisting of a previous state, a current state, and a future state.

25. The system of claim 1, the state comprising a health status state of a networked system comprising the plurality of components.

26. The system of claim 25, the health status state comprising at least one selected from the group consisting of a previous health status state, a current health status state, and a future health status state.

27. The system of claim 1, at least a portion of the system data corresponding to the plurality of system components is generated by at least one selected from the group consisting of a health monitor, a performance monitor, and a utilization monitor.

28. A method for facilitating state determination of a networked system, comprising:

obtaining system data corresponding to a plurality of system components;

aggregating, according to predetermined rules, at least a portion of the system data corresponding to at least a subset of the plurality of system components;

analyzing at least a portion of the aggregated system data; and

generating an output corresponding to a state of the subset of the plurality of system components.

29. The method of claim 28, further comprising:

sending the output to a selectable recipient at a selectable rate in a selectable manner.

30. The method of claim 28, further comprising:

customizing the output according to a set of rules determined by a user.

31. The method of claim 28, further comprising:

controlling an aspect of the networked system in response to the output corresponding to the state of the subset of the plurality of system components.

32. The method of claim 31, the aspect comprising an operational system parameter responsible for maintaining operation of the networked system.

33. The method of claim 31, the aspect comprising software updating to automatically maintain proper operation of the networked system.

34. A system that facilitates determining a state of a networked system, comprising:

means for obtaining system data corresponding to at least a subset of a plurality of system components; and

means for aggregating at least a portion of the obtained data; and

means for analyzing at least a subset of the portion of the obtained data to generate an output corresponding to a state of the subset of the plurality of system components.

35. A system that employs at least one system of claim 1 to provide a remotely accessible state determination service.

36. The system of claim 35, the state determination service comprising an aggregation, analysis, and control service for at least one networked system pertaining to at least one system administrator.

37. A method that employs the method of claim 28 in a multiple networked system service environment to determine and predict common errors across at least a subset of the multiple systems.

38. A data packet transmitted between two or more computer components that facilitates networked system state determination, the data packet comprising, at least in part, information relating to a state of a networked system, the state determined *via* aggregation and analysis of data from at least a subset of system components of the networked system.

39. A computer readable medium having stored thereon computer executable components of the system of claim 1.

40. A device employing the method of claim 28 comprising at least one selected from the group consisting of a computer, a server, and a handheld electronic device.

41. A device employing the system of claim 1 comprising at least one selected from the group consisting of a computer, a server, and a handheld electronic device.